

Amendments to the Specification:

Please delete paragraph 16 on page 2 as shown below:

~~FIG. 5 is an electric machine made using a soft magnetic carrier to direct the magnetic flux from the permanent magnets through a planar coil.~~

Please amend paragraph 59 on page 4 as shown below:

~~Illustrated in FIG. 5 is a cross-sectional view of a spray-deposited~~ A permanent magnet array [[36]] and a ~~planer~~ planar coil [[38]] may be produced by the method described above. If the coil [[38]] is integrally assembled with ~~the~~ a moving element or "rotor", then the electrical EMF must be extracted through some type of mechanical commutator arrangement which is well-known in the art (e.g., DC motor/generator). Alternatively, the moving permanent magnet array can be envisioned with a stationary coil set obviating the need for a commutator (e.g., brushless permanent magnet motor/generator). It will be apparent that integral permanent magnets developed by a simple spray process could be incorporated into various moving features of ~~the motor~~ an electric machine with planar coils arranged adjacently to extract electrical power as required, or alternatively, to produce resultant forces which could act as a braking or accelerating element[[s]].

Please amend paragraph 60 beginning on page 4 as shown below:

~~The~~ For example, a motor [[40]] is made from a support [[42]] secured to ~~the core 44~~ a carrier upon which an array of magnets is deposited. Depending on the physical requirements of the motor [[40]], the support [[42]] may be eliminated. This is useful if the permanent magnets [[36]] are directly applied to a motor component such as the motor housing or the rotor. The ~~core 44~~ carrier may also be optimized to conduct ~~the~~ magnetic flux [[50]]. Materials such as cast iron and steel are suitable conduits for the magnetic flux between the permanent magnets [[36]]. Assemblies can be produced that take advantage of

magnetically-soft, rotating articles in a vehicle, such as the engine flywheel, to act as the carrier. ~~The carrier~~ Such a magnetically-soft carrier [[44]] directs the magnetic flux [[50]] between adjacent magnets [[36]], ~~where the magnetic flux lines penetrate the area defined by the coil 38 are enhanced by the underlying soft magnetic material of the carrier thereby enhancing that component of the magnetic flux which can be linked by the planar coils in close proximity.~~ Electrical insulation [[46]] between the coil [[38]] and ~~the~~ an armature core [[48]] isolates the coil [[38.]] from the armature core [[48]]. It will also be apparent that the magnetic flux [[50]] penetrating the area defined by the coil [[38]], can also be greatly enhanced through a symmetric arrangement of magnets on either side of the coil [[38]]. The concentration of magnetic flux lines by the judicious arrangement of soft magnetic elements will increase the effective power density of an electric machine employing this construction.